

ABSTRACT

The present invention provides novel photoresist compositions that comprise a resin binder, a photoacid generator compound and an added amine component. In a first aspect, the added amine preferably is 1) non-aromatic 2) has from about 9 to about 16 carbon atoms, 3) contains no primary or secondary amine groups, and/or 4) contains no multiple tertiary amine groups where two tertiary groups are separated by a linkage of optionally substituted ethylene. In a related aspect, the added amine is a non-aromatic amine that comprises either 1) a tertiary nitrogen alicyclic ring member, and preferably is at junction position between a bicyclic or other multi-ring ring system; or 2) a tertiary nitrogen that is not a ring member, and is substituted by at least two tertiary or quaternary carbon radicals.